



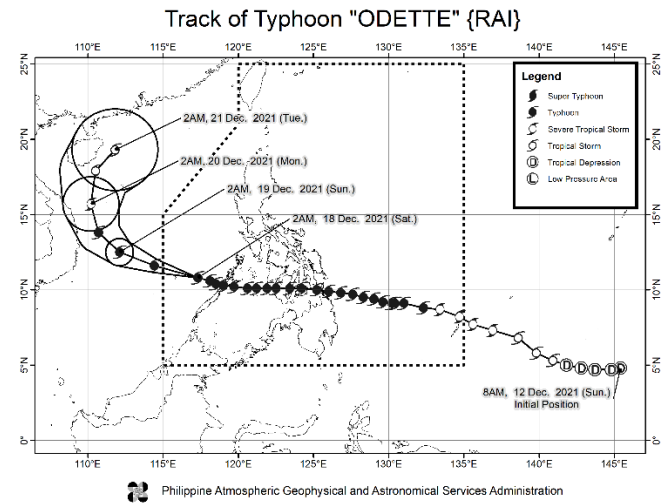
TROPICAL CYCLONE BULLETIN NO. 24
Typhoon "ODETTE"

Issued at 5:00 AM, 18 December 2021

Valid for broadcast until the next bulletin at 11:00 AM today

TYPHOON "ODETTE" MAINTAINS ITS STRENGTH AND IS NOW THREATENING THE KALAYAAN ISLANDS

Location of Center (4:00 AM)
The center of the eye of Typhoon "ODETTE" was located based on all available data at 240 km West Northwest of Puerto Princesa City, Palawan (10.9°N, 116.9°E)
Intensity
Maximum sustained winds of 150 km/h near the center, gustiness of up to 185 km/h , and central pressure of 960 hPa
Present Movement
West Northwestward at 15 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 400 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 18 December 2021	11.6	114.4	75 km North Northeast of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	155	TY	WNW 25
24-Hour Forecast 2:00 AM 19 December 2021	12.5	112.1	275 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	155	TY	WNW 20
36-Hour Forecast 2:00 PM 19 December 2021	13.8	110.7	485 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	130	TY	NW 15
48-Hour Forecast 2:00 AM 20 December 2021	15.7	110.2	670 km Northwest of Pag-asa Island, Kalayaan, Palawan or 1,085 km West of Northern Luzon (outside the PAR)	100	STS	NNW 20
60-Hour Forecast 2:00 PM 20 December 2021	17.9	110.5	1,070 km West of Northern Luzon (outside the PAR)	85	TS	N 20
72-Hour Forecast 2:00 AM 21 December 2021	19.3	111.8	1,015 km West of Extreme Northern Luzon (outside the PAR)	65	TS	NE 15



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
3 (Destructive typhoon-force winds prevailing or expected within 18 hours)	Kalayaan Islands	-	-
2 (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	The central portion of Palawan (<i>San Vicente, Quezon, Puerto Princesa City, Aborlan</i>)	-	-
1 (Strong winds prevailing or expected within 36 hours)	The rest of mainland Palawan (<i>Balabac, Rizal, Bataraza, Brooke's Point, Sofronio Española, Narra, Roxas, Taytay, Dumaran, Araceli, El Nido</i>) including Calamian Islands	-	-
Tropical Cyclone Wind Signals hoisted in areas that are no longer listed herein are hereby lifted.			



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- **Today:** Heavy to torrential rains over Kalayaan Islands. Moderate to heavy rains over mainland Palawan, Aurora, and the northern portion of Quezon including Polillo Islands. Light to moderate with at times heavy rains over Bicol Region, Northern Samar, Nueva Vizcaya, Quirino, Nueva Ecija, and the rest of Quezon.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

- **Destructive** typhoon-force winds will be experienced within any of the areas where TCWS #3 is in effect. This may bring moderate to heavy damage to structures and vegetation.
- **Damaging** winds reaching gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the typhoon. This may generally bring up to very light damage to structures and vegetation.

Coastal Inundation

There is still a moderate to high risk of storm surge which may result in life-threatening coastal flooding in Kalayaan Islands. In addition, coastal areas of localities under TCWS #2 and #1 may also experience coastal flooding due to hazardous surf conditions.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, rough to very high seas (2.8 to 10.0 m) will be experienced over the seaboard of areas where TCWS #3 is in effect (especially in the open sea areas). Rough to very rough seas (2.8 to 5.0 m) will also continue for the seaboard of areas under TCWS # 2 and #1. **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon "ODETTE" and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for several coastal waters not under any wind signal, specifically the seaboard of Northern Luzon, and the eastern and western seaboard of Central and Southern Luzon. For more information, refer to Gale Warning #53 issued at 5:00 AM today.
- Moderate to rough seas (1.2 to 4.0 m) will also prevail over the remaining seaboard of the country that are not under any wind signal or gale warning, specifically the seaboard of Visayas and the northern, western, and eastern seaboard of Mindanao. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

While over the West Philippine sea, the typhoon is forecast to move west northwestward and may exit the Philippine Area of Responsibility this morning or afternoon. "ODETTE" is forecast to pass in the vicinity of Kalayaan Islands today. A slight re-intensification may take place today as ODETTE" moves over the West Philippine Sea. However, the eventual exposure of the typhoon to increasing vertical wind shear and the surge of the Northeast Monsoon will result in a weakening trend beginning tomorrow.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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